

Customer Information Sheet

DRAWING No.: M80-5T11222MI-02-331-00-000

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
MOULDING: GLASS FILLED PPS, UL94V-0, BLACK
SIGNAL CONTACT: PHOSPHOR BRONZE
POWER CONTACT: COPPER ALLOY
JACKSCREW: STAINLESS STEEL

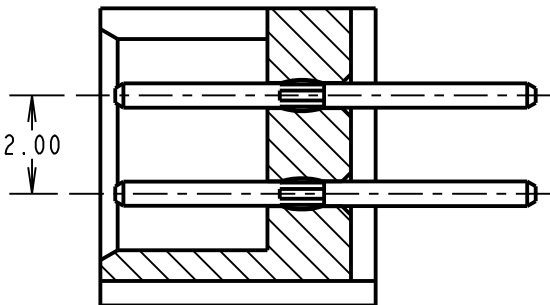
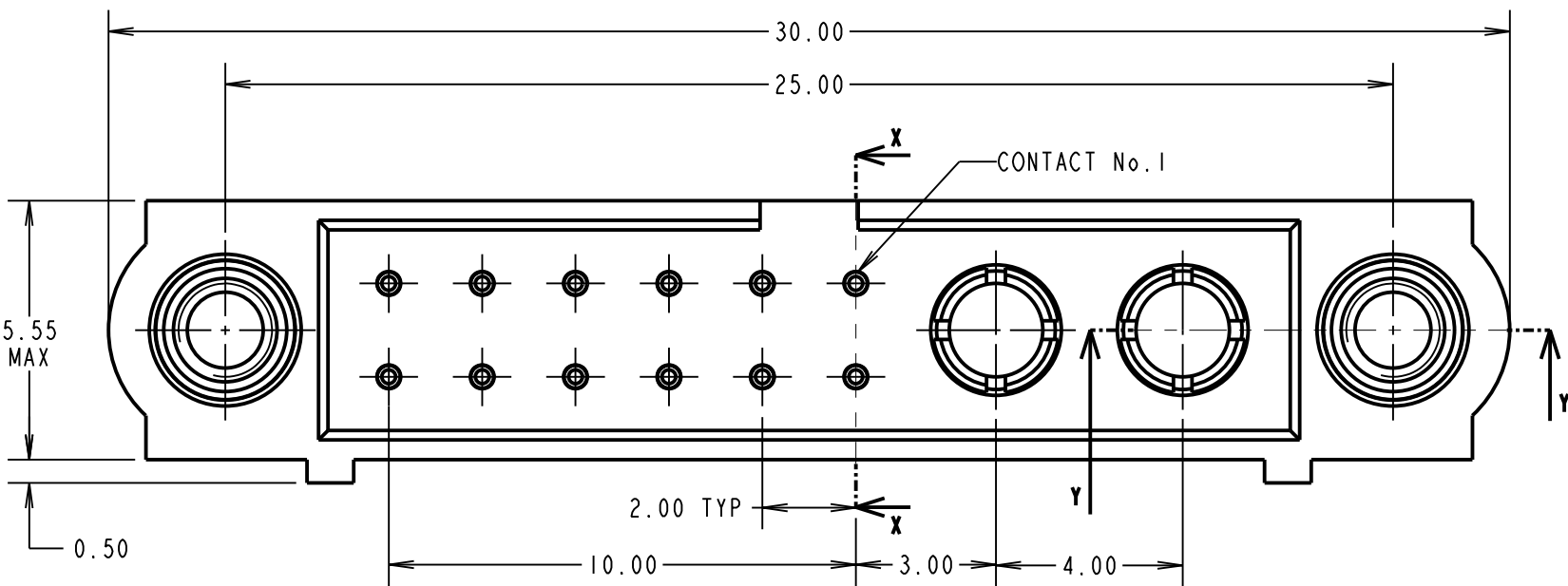
FINISH:
SIGNAL CONTACT:
0.75 μ GOLD ON CONTACT AREA,
3 μ 90/10 TIN/LEAD ON TAILS
POWER CONTACT: GOLD

ELECTRICAL:
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
INSULATION RESISTANCE = 100M Ω MIN
SIGNAL CONTACT:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
CONTACT RESISTANCE = 25 m Ω MAX
POWER CONTACT:
CONTACT RESISTANCE 6 m Ω MAX
CURRENT RATING = 20A MAX

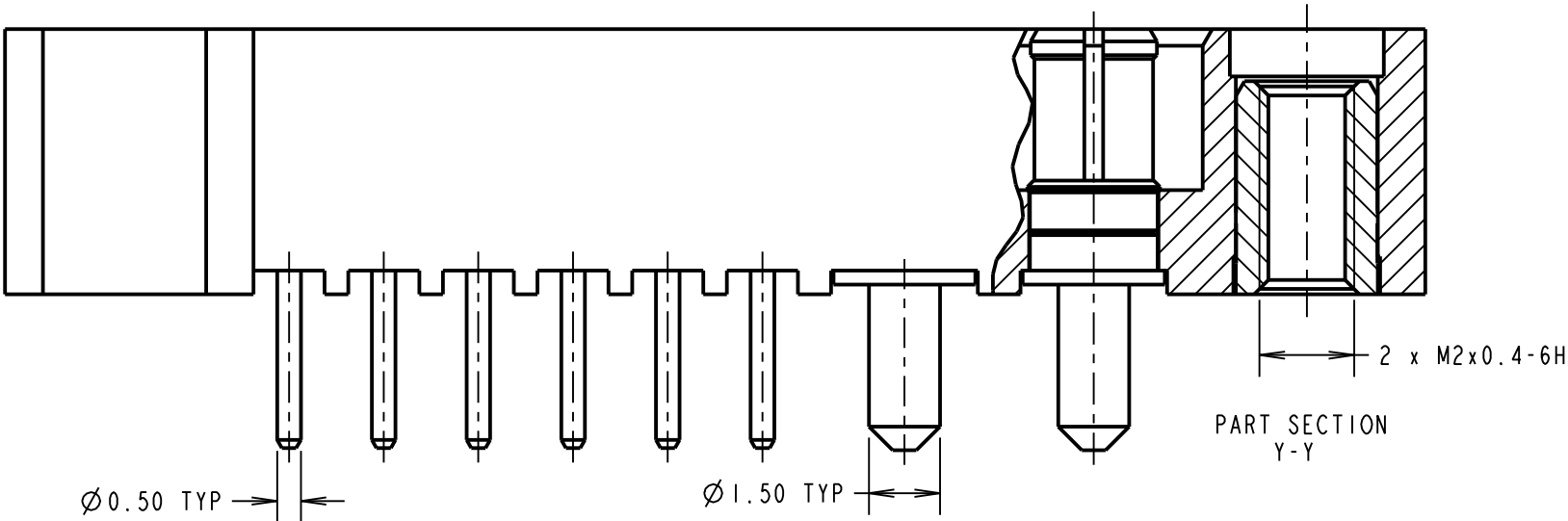
MECHANICAL:
DURABILITY = 500 OPERATIONS
SIGNAL CONTACT:
INSERTION FORCE = 2.8N MAX
WITHDRAWAL FORCE = 0.2N MIN
POWER CONTACT:
INSERTION FORCE = 5N MAX
WITHDRAWAL FORCE = 0.5N MIN

ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C

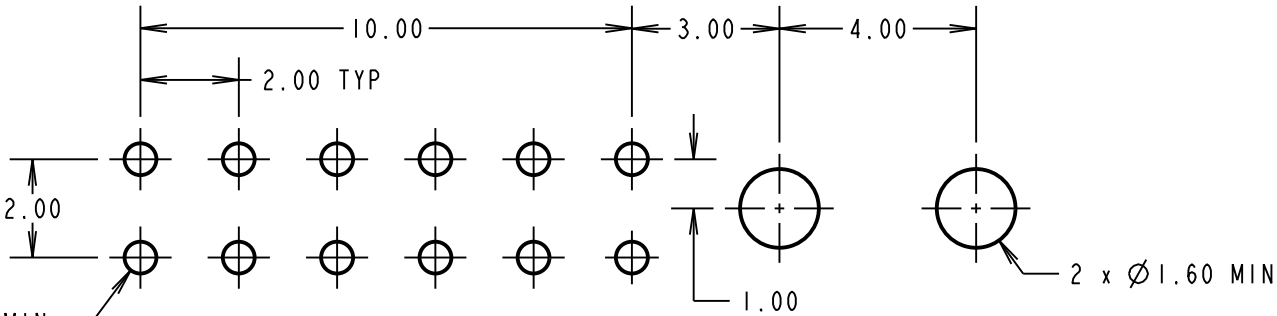
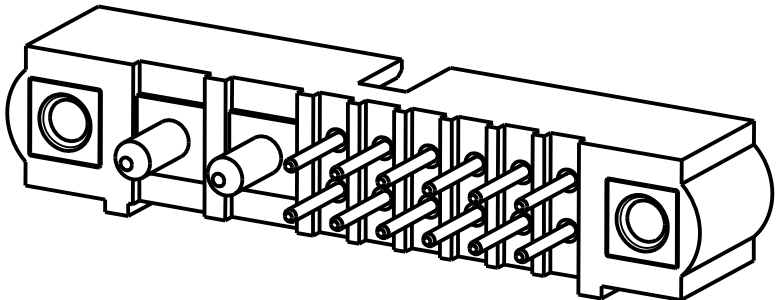
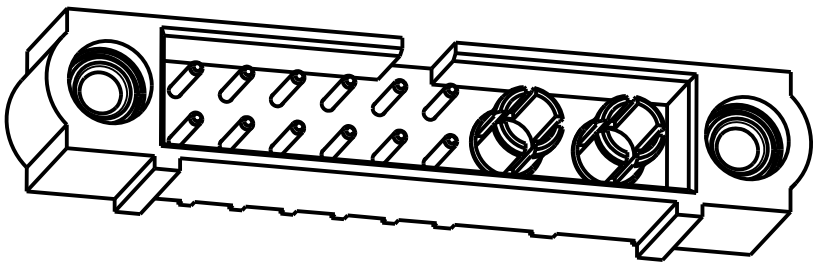
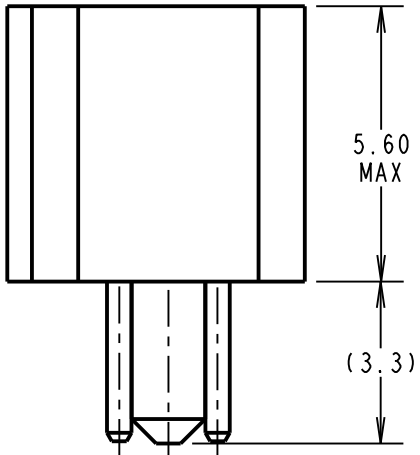
PACKING:
TUBE
FOR COMPLETE SPECIFICATION SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X



PART SECTION
Y-Y



RECOMMENDED PCB LAYOUT

SM	I	17.05.11	11249
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: R. ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN			TOLERANCES		MATERIAL:		TITLE: JACKSCREW DATAMATE MIXED TECHNOLOGY PC TAIL MALE ASSEMBLY	
HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com			X. = ± 1 mm X.X = ± 0.25 mm X.XX = ± 0.10 mm X.XXX = ± 0.01 mm ANGLES = $\pm 5^\circ$ UNLESS STATED		SEE ABOVE		DRAWING NUMBER: M80-5T11222MI-02-331-00-000	
HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk					FINISH: SEE ABOVE		SHT 2 OF 2	
HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg					S/AREA: mm ²			